FORMER W.L.K. CORP. (DAR SITE ID #30)

Address:	58-30 57th Street, Maspeth, New York (58-36, 58-38 and 58-40 57th Street)
Tax Lot Parcel(s):	Queens Block 2610, Lots 412 and 440
Latitude:	40.720379
Longitude:	-73.91309
Regulatory Programs/ Numbers/Codes:	NYSDEC Site No. 241097, PBS No. 2-609427
Analytical Data Status:	☐ Electronic Data Available ☒ Hardcopies only ☐ No Data Available

1 SUMMARY OF CONSTITUENTS OF POTENTIAL CONCERN (COPCs) TRANSPORT PATHWAYS TO THE CREEK

The current understanding of the transport mechanisms of contaminants from the upland portions of the Former W.L.K. Corp. site (site) to Newtown Creek is summarized in this section and in Table 1.

Overland Transport

The site is located 0.4 mile from Newtown Creek and associated waterways. This is not a current or historical complete pathway.

Bank Erosion

The site is not adjacent to Newtown Creek or associated waterways. This is not a complete current or historical pathway.

Groundwater

The site is located approximately 0.4 mile from Newtown Creek. Chlorinated volatile organic compounds (CVOCs) have been present at the site in groundwater since at least 2001 (FPM 2002, 2006; CDM 2007, 2008). Groundwater at the site generally flows in a southwesterly direction, towards Newtown Creek, and appears to be influenced by a variety of factors, including varying silty sand and clay lenses (CDM 2007, 2008). This is a potentially complete historical and current pathway.

Overwater Activities

The site is not adjacent to Newtown Creek or associated waterways. This is not a complete current or historical pathway.

Stormwater/Wastewater Systems

Stormwater runoff is managed using on-site dry wells. Dry wells are located on the eastern side of the property in the parking lot and on the northern side on the lumber yard. Depending on the quality of the stormwater these dry wells have received over time, they could be a source to soil or groundwater impacts. The topography on the site slopes from northeast to southwest. Stormwater that is not collected by the dry wells either flows to catch basins located along Grand Avenue or percolates into the soil along the vegetated alley way along the western side of the building. The site is within the Bowery Bay Water Pollution Control Plant (WPCP) sewershed. Wastewater is discharged from the site into a separate sewer, which likely then flows to the municipal sewer system (CDM 2007). When combined flows exceed the system's capacity, untreated combined sewer overflows (CSOs) are discharged to Newtown Creek (NYCDEP 2007). There is insufficient evidence to make a current or historical pathway determination for direct discharge of stormwater and wastewater and discharge to sewer/ CSO.

Air Emissions

According to available information, there is currently no activity on site that generates permit-required air emissions. Historically present equipment capable of generating air emissions has been removed (CDM 2007). This pathway is not complete.

2 PROJECT STATUS

A summary of investigation and remedial activities at the site is provided in the following table:

Activity		Date(s)/Comments
Phase 1 Environmental Site Assessment	☒	2007
Site Characterization	☒	2008
Remedial Investigation	☒	2001, 2006 RI of adjacent STAR Corrugated Box Company site and Former W.L.K. Corp. site
Remedy Selection	☐	
Remedial Design/Remedial Action Implementation	☐	
Use Restrictions (Environmental Easements or Institutional Controls)	☐	
Construction Completion	☐	
Site Closeout/No Further Action Determination	☐	

Note:
RI – Remedial Investigation

3 SITE OWNERSHIP HISTORY

Respondent Member: ☐ Yes ☒ No

Owners	Years	Occupant	Types of Operations
Unknown	At least from 1943 – unknown	W.L. Koburger Company	Lubricating Oils and Grease operation
John F Blaha and Raymond Zeiser, who are trustees under the last will and testament of Charles W. Koburger	Unknown – 1973	Brook Garage, Inc.	Unknown
	1951 – 1973	E.D. Giberson and Company, Inc.	Tubular Steel Products
Ruby Realty Company	1973 – unknown	Brook Garage, Inc.	Unknown
		E.D. Giberson and Company, Inc.	Tubular Steel Products

Note:
Additional discussion and sources provided in Section 6.

4 PROPERTY DESCRIPTION

The site occupies approximately 1.8 acres and is located approximately 0.4 mile east of Newtown Creek. The site is at approximately 25 feet above mean sea level, and the surrounding area slopes east to west. The site and nearby properties are zoned for manufacturing (NYCDCP 2011). The adjoining property to the southeast is STAR Corrugated Box Company (STAR; DAR Site ID #143). A railroad runs northwest along 57th Street, which it intersects north of the site (CDM 2007).

The site is developed with a one-story brick and cement masonry foundation building. The building was constructed in 1930. The area north of the building is used as a lumber yard. Access to the property for lumber shipping and receiving is via 57th Street. The north, east, and south sides of the building, including the lumber yard, are paved with asphalt. The area west of the building contains an alley way overgrown with broadleaf weeds (CDM 2007).

5 CURRENT SITE USE

According to the Final Phase I Report for the site, the northern portion of the building on Lot 412 is occupied by Feldman Lumber, and the southern portion of the building is occupied by Manufacturers Corrugated Box Company, Inc., and Delta Corrugated Products. Feldman Lumber uses the site to sell and store building material and lumber supplies. Manufacturers, Corrugated Box Company, Inc., and Delta Corrugated Products, use the facility for office purposes. No structures are present on Lot 440. It is utilized as a lumber yard by Feldman Lumber (CDM 2008). The lot east of the building is currently used as a parking lot (CDM 2007).

6 SITE USE HISTORY

W.L.K. Corporation was listed on Sanborn maps as W.L. Koburger Co. (Sanborn 1943). The site is approximately 2.01 acres. The company operated a lubricating oils and grease operation at the site from at least 1943 to the early 1970s. The northern portion of the site has historically been used by a radiator distribution facility (from the 1930s to 1940s), a steel pipe distributor (from the 1950s to early 1970s), corrugated box companies (early 1980s), a beer distributing company (mid to late 1980s), and a recycling facility (early 1990s to early 2000s). The southern portion of the site is currently occupied by offices and has been used

for several businesses. Also, a filling station was located on the site at the corner of Grand Avenue and 57th Street from the early 1930s to the early 1970s; however, there is no name associated with it (Sanborn 1943; NYSDEC 2011).

Ruby Realty Company acquired the site in 1973 from the estate of Charles W. Koburger. The trustees for the Charles W. Koburger estate were John F. Blaha and Raymond Zeiser. At the time of Ruby Realty's purchase, there were some ongoing leases on the property. These were as follows: 1) a month-to-month lease to a gas station at the corner of Grand Avenue and 57th Street; 2) a month-to-month lease with Brook Garage, Inc.; and 3) a lease to E.D. Giberson and Company, Inc. The lease to E.D. Giberson and Company, Inc., is dated March 27, 1969 and ran to May 31, 1974 (Ruby Realty Company 1973). E.D. Giberson and Company, Inc., is listed at the site from 1951 through 1973 (Chamber of Commerce 1951, 1973). Ruby Realty is the current owner of the property, but no commercial activities or enterprises have been identified at the site on maps or in directories since 1973.

7 CURRENT AND HISTORICAL AREAS OF CONCERN AND COPCs

The current understanding of the historical and current potential upland and overwater areas of concern at the site is summarized in Table 1. The following sections provide brief discussion of the potential sources and COPCs at the site requiring additional discussion.

Areas of concern at the site include railroad cars and tracks, loading dock, underground storage tanks (USTs) and aboveground storage tanks (ASTs; CDM 2007). COPCs associated with these areas include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), petroleum hydrocarbons, and metals. In addition, CVOCs were identified in groundwater at the site as early as 2002 (FPM 2002, 2006; CDM 2007, 2008).

7.1 Uplands

A 275-gallon diesel AST is located along the northern exterior wall of the building. The tank appeared to be in good condition at the time of a 2007 site visit (CDM 2007). A 55-gallon drum containing lubricating oil for lumber saw blades was also observed during the 2007 site visit. The drum was located inside the building on a concrete floor. No cracks were observed in the concrete in the vicinity of the drum. In 2003, a 10,000-gallon No. 2 heating

oil UST was closed in-place at the site (Petroleum Bulk Storage [PBS] No. 2-609427). A UST closure report was not available in the records. Finally, from the 1930s to the 1970s, a filling station was located at the southern end of the property. According to Sanborn Maps, the station utilized seven gasoline USTs (CDM 2007). No documentation of these tanks was identified in available site records. Other potential upland sources identified from historical operations include a lumber yard, corrugated box manufacturing, and recycling activities (type unknown).

7.2 Overwater Activities

The site is not adjacent to Newtown Creek and associated waterways. Information regarding overwater activities was not identified in documents available for review.

7.3 Spills

Information regarding on-site spills was not identified in documents available for review.

8 PHYSICAL SITE SETTING

8.1 Geology

Site geology can be approximated using the investigations conducted at the adjacent property located at 55-15 and 56-05 Grand Avenue. In general, site stratigraphy is variable. A layer of silty sand and fill material generally extends from grade to 6 to 10 feet below ground surface (bgs). Thin clay lenses appear to be discontinuous and are not connected to the clay found deeper beneath the site. In the area of the former rail spur next to the loading dock, the silty sand is underlain by a gray to brown clay that is at least several feet thick. The water table is generally encountered at a depth of approximately 8 feet bgs in either the clay or the overlying silty sand. Sand lenses are present above and within the clay and the top surface of the clay slopes to the southwest. This clay does not appear to extend continuously across the adjacent site. Below the clay is an interval of sand and silty sand that extends to the maximum depth (approximately 45 feet below site grade; CDM 2007).

8.2 Hydrogeology

The shallow water table aquifer is generally found in the clay or overlaying silty sand. Shallow wells screened across the water table interface were installed to a depth of approximately 15 feet bgs. The relatively low-permeability materials present may restrict groundwater flow and likely result in a relatively high horizontal groundwater gradient. Sand lenses within the clay may also provide preferential flow pathways, resulting in irregular groundwater flow directions across the site. The shallow groundwater flow is generally southwesterly with a horizontal gradient of 0.006. The horizontal gradient is relatively steep in the shallow interval and may reflect the prevalence of lower-permeability materials (silty sand and clay) in this interval (CDM 2007).

The intermediate- depth groundwater is found in the sand and silty sand below the clay. The intermediate wells were screened below the water table interface at a depth range of 20 to 35 feet bgs. The permeability of these materials is likely somewhat higher than that of the overlying clay, and, therefore, the lower horizontal hydraulic gradient observed in this interval is consistent with the stratigraphy. The intermediate groundwater appears to flow generally to the southwest with an approximate horizontal gradient of 0.003. The horizontal gradient is lower in the intermediate-depth interval, potentially indicating more permeable materials (silty sand and sand) within this interval (CDM 2007).

One deep well has been installed at the site between 32 and 47 feet bgs. The vertical hydraulic gradient is generally downward between the shallow and intermediate depth intervals, while the vertical gradient is variable between the intermediate and deep intervals (CDM 2007).

9 NATURE AND EXTENT (CURRENT UNDERSTANDING OF ENVIRONMENTAL CONDITIONS)

A series of groundwater monitoring wells had been installed during the previous investigations of the adjacent STAR site. Sampling results from an investigation in 2001 indicated high levels of CVOCs in the groundwater at the northwestern portion of the site (FPM 2002). Groundwater samples collected on and off site demonstrate a reduction in the contamination, decreasing southward beneath the adjacent STAR site (56-05 Grand Avenue;

CDM 2008). The groundwater samples collected at the site indicate a potential source area in the vicinity of the loading dock located at the northern end of the site's main building and an alley between the western property fence line and the building. This alley was a former rail spur that was most likely utilized to ship and receive material (CDM 2008). The following sections summarize the on-site soil and groundwater investigations, which occurred between 2001 and 2008.

9.1 Soil

Soil Investigations	☒ Yes ☐ No
Bank Samples	☐ Yes ☐ No ☒ Not Applicable
Soil-Vapor Investigations	☒ Yes ☐ No

9.1.1 Soil Investigations

An initial investigation of the soil and groundwater of the site was conducted in 2001 as part of an off-site investigation of the CVOC groundwater plume observed at the STAR site (FPM 2002). Twenty-two soil (SB-100 through SB-112) borings of varying depths were advanced. Cores were sampled from depths between 1 and 17 feet bgs. Tetrachloroethylene (PCE) concentrations in soil sample SB-104 in the 6 to 7 feet bgs interval were 0.88 milligrams per kilogram (mg/kg). Other VOC concentrations were below the New York State Department of Environmental Conservation (NYSDEC) soil cleanup objectives. Results of the investigation and a map of the sample locations are provided in Attachments 1 and 2, respectively.

In 2006, a supplemental investigation of the groundwater at the site included sampling soils from three pits (P-1 to P-3) inside the main building at the site (see Attachment 3; FMP 2006). Samples were analyzed for VOCs. PCE and trichloroethylene (TCE) were detected at concentrations of 0.016 and 0.24 mg/kg, respectively. Both concentrations were below the NYSDEC recommended soil cleanup objectives. No other detections above the detection limit were observed in the soils samples.

In 2008, eight soil samples were collected from five locations (DP01, DP02, DP03, DP04, and DP05; see Attachment 4). Samples were collected from various depth intervals between 4

and 15 feet bgs and analyzed for VOCs. Complete results of the soil sampling are provided in Attachment 5. Seven compounds were detected above the site-specific soil delineation criteria (the lower of New York Codes Rules and Regulations [NYCRR] Part 375-6 and Technical Assistance and Guidance Memorandum [TAGM] 4046 Criteria) at DP01, DP02, and DP04. Maximum and minimum concentrations for the COPCs observed above the site-specific soil delineation criteria are provided as follows:

COPC	Units	Location of Max Concentration		Detections	
		Location ID	Depth	Maximum	Minimum
1,1,1-Trichloroethane	µg/kg	DP02	8 feet bgs	13,000	53
Acetone	µg/kg	DP04	10 feet bgs	200	2.1
cis-1,2-Dichloroethene	µg/kg	DP04	10 feet bgs	46,000	4
PCE	µg/kg	DP02	8 feet bgs	20,000	160
TCE	µg/kg	DP02	8 feet bgs	91,000	240
trans-1,2-Dichloroethene	µg/kg	DP04	10 feet bgs	1,900	4.9
Vinyl chloride	µg/kg	DP04	10 feet bgs	2,500	6

Notes:
µg/kg – microgram per kilogram
bgs – below ground surface
COPC – constituent of potential concern
PCE – tetrachloroethylene
TCE – trichloroethylene

9.1.2 Soil Summary

The highest concentrations of PCE, TCE, and cis-1,2-dichloroethene were detected in borings DP02 and DP04 as part of the 2008 site characterization. Results from these soil borings suggest a contamination source area or areas in the vicinity of the former rail spur. Results from other soil sampling locations did not suggest the continued existence of a CVOC source.

9.2 Groundwater

Groundwater Investigations	☒ Yes ☐ No
NAPL Presence (Historical and Current)	☐ Yes ☒ No
Dissolved COPC Plumes	☒ Yes ☐ No
Visual Seep Sample Data	☐ Yes ☐ No ☒ Not Applicable

9.2.1 Groundwater Investigations

Groundwater wells located at the site and at the adjacent STAR site were sampled as part of a Remedial Investigation (RI) in 2001 and 2006 (FMP 2002, 2006). Additional groundwater well monitoring occurred during a 2008 site characterization (CDM 2008).

9.2.2 Dissolved COPC Plumes

In 2001 and 2006, varying levels of CVOCs were detected in 16 monitoring wells at depths between 5 and 47 feet bgs, with the highest concentrations being detected in the alleyway (former rail spur) monitoring wells. Monitoring well locations are shown in Attachment 2 and results are provided in Attachment 6. In 2008, nine groundwater samples were collected from four newly installed monitoring wells and five existing monitoring wells as part of the 2008 Final Site Characterization (locations shown in Attachment 4; CDM 2008). Groundwater samples were collected at various depth intervals between 10 and 30 feet bgs. Results of the groundwater sampling event are provided in Attachment 7.

Maximum and minimum concentrations for the COPCs observed above the screening criteria (the lower of the NYSDEC Class GA and New York State Department of Health [NYSDOH] Drinking Water Quality Standards) from the RI and site characterization reports are provided as follows:

COPC	Investigation	Units	Location of Max Concentration		Detections	
			Location ID	Depth	Maximum	Minimum
1,1,1-Trichloroethane	CDM 2008	µg/L	MW-107	15 feet bgs	71,000	6
1,1,2,2 - Tetrachloroethane	CDM 2008	µg/L	MW-107	15 feet bgs	16	0.5U
1,1,2-Trichloro-1,2,2-trifluroethane	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	0.92
1,1,2-Trichloroethane	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	2.2
1,2 - Dibromoethane	CDM 2008	µg/L	MW-107	15 feet bgs	0.5	0.5U
1,2 - Dichlorobenzene	CDM 2008	µg/L	MW-107	15 feet bgs	23.0	0.43
1,1 - Dichloroethene	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	2.3
cis - 1,1 - Dichloroethene		µg/L	IW3	30 feet bgs	53,000	6
1,2 - Dichloroethene	CDM 2008	µg/L	MW-101	15 feet bgs	55,000	17
1,3 - Dichloropropene	CDM 2008	µg/L	MW-107	15 feet bgs	0.5	0.5U
Benzene	CDM 2008	µg/L	IW3	30 feet bgs	6.3	1.1
Carbon Tetrachloride	CDM 2008	µg/L	MW-107	15 feet bgs	10,000.0	0.5U
Chlorobenzene	CDM 2008	µg/L	MW-107	15 feet bgs	11.0	0.7
Chloroform	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	0.98
Ethylbenzene	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	5
Methyl tert-butyl ether	CDM 2008	µg/L	MW-108	15 feet bgs	2,000	1.5
Methyl Chloride	CDM 2008	µg/L	MW-107	15 feet bgs	22	0.5U
o - Xylene	FPM 2001	µg/L	MW-08	5 – 15 feet bgs	110	5
p - & - m - Xylenes	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	2
Total Xylenes	FPM 2001	µg/L	MW-08	5 – 15 feet bgs	300	7
PCE	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	0.95
Toluene	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	24
TCE	CDM 2008	µg/L	MW-107	15 feet bgs	360,000	12
Vinyl Chloride	CDM 2008	µg/L	MW-107	15 feet bgs	10,000	1

Notes:
µg/L – microgram per liter
bgs – below ground surface
CDM – Camp Dresser & McKee
COPC – constituent of potential concern
PCE – tetrachloroethylene
TCE – trichloroethylene

In addition to well sampling, a total of four groundwater samples were collected from four direct push locations (DP01, DP02, DP03, and DP04) in the vicinity of the former rail spur during the 2008 Site Characterization (see Attachment 4). Groundwater samples were collected at various depth intervals and at a total depth ranging from 10 to 25 feet bgs. PCE and its degradation products were detected at the four locations. Complete results are provided in Attachment 8 (CDM 2008). Selected results are provided in the following table:

Location ID	DP01	DP02
Depth	10 feet bgs	10 feet bgs
Units	µg/L	µg/L
PCE	670	430
TCE	19,000	48,000
cis-1,2-dichloroethene	22,000	14,000
vinyl chloride	49	79

Notes:
µg/L – microgram per liter
bgs – below ground surface
PCE – tetrachloroethylene
TCE – trichloroethylene

Groundwater samples at DP02, MW7, MW8, MW9, MW107, and MW108 also demonstrated detectible concentrations of gasoline related contaminants. Total xylenes in MW107 were detected at 250 micrograms per liter (µg/L; CDM 2008).

9.3 Surface Water

Surface Water Investigation	☐ Yes ☒ No
SPDES Permit (Current or Past)	☐ Yes ☒ No
Industrial Wastewater Discharge Permit (Current or Past)	☐ Yes ☒ No
Stormwater Data	☐ Yes ☒ No
Catch Basin Solids Data	☐ Yes ☒ No
Wastewater Data	☐ Yes ☒ No

Information on site surface water investigations was not identified in documents available for review.

9.3.1 Stormwater and Wastewater Systems

This site is within the Bowery Bay WPCP sewershed. Stormwater is managed on site using dry wells. Wastewater is discharged into a separate sewer system that is then conveyed to the WPCP for treatment prior to discharge. It is likely that the separate sewer system flows into a larger combined system prior to reaching the WPCP. When these combined flows exceed the system's capacity, untreated CSOs are discharged to Newtown Creek. CSO Outfalls ST-54 and ST-60NC are connected to the site and serve to discharge during high flow events.

9.4 Sediment

Creek Sediment Data ☐ Yes ☐ No ☒ Not Applicable

Information regarding sediment investigations was not identified in documents available for review.

9.5 Air

Air Permit ☐ Yes ☒ No

Air Data ☐ Yes ☒ No

Information regarding air emissions from the site was not identified in documents available for review.

10 REMEDIATION HISTORY (INTERIM REMEDIAL MEASURES AND OTHER CLEANUPS)

Information regarding on-site remedial activities was not identified in documents available for review.

11 BIBLIOGRAPHY/INFORMATION SOURCES

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12 ATTACHMENTS

Figures

Figure 1 Site Vicinity Map: Former W.L.K. Corp.

Tables

Supplemental Attachments

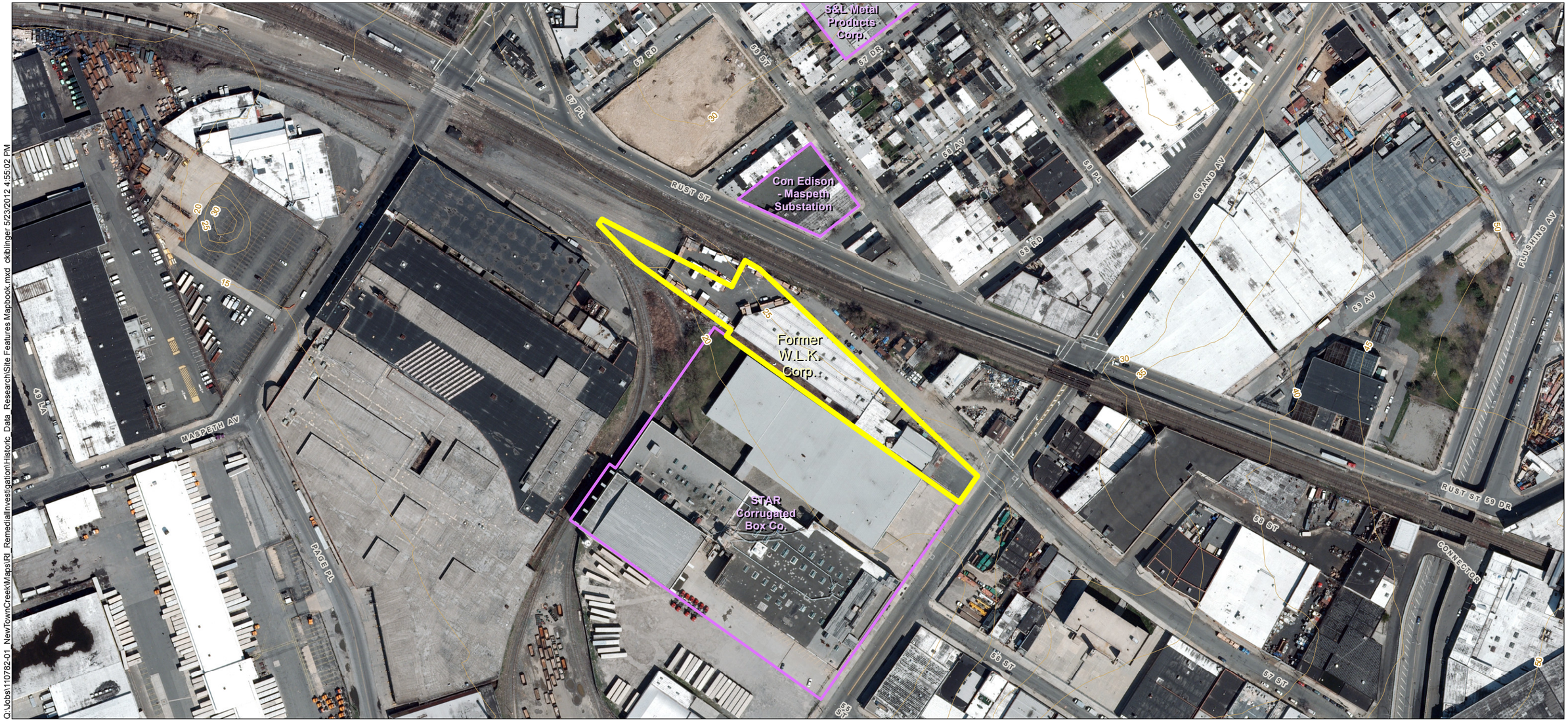
Table 1

Potential Areas of Concern and Transport Pathways Assessment – Former W.L.K. Corp.

Potential Areas of Concern	Media Impacted					COPCs														Potential Complete Pathway						
						TPH			VOCs																		
Description of Areas of Concern	Surface Soil	Subsurface Soil	Groundwater	Catch Basin Solids	Creek Sediment	Gasoline-Range	Diesel – Range	Heavier – Range	Petroleum Related (e.g., BETEX)	VOCs	Chlorinated VOCs	SVOCs	PAHs	Phthalates	Phenolics	Metals	PCBs	Herbicides and Pesticides	Dioxins/Furans	Overland Transport	Groundwater	Direct Discharge – Overwater	Direct Discharge – Storm/Wastewater	Discharge to Sewer/CSO	Bank Erosion	Air Releases
Former rail spur and loading dock	?	√	√	?	?	?	?	?	√	?	√	?	?	?	?	?	?	?	?	--	?	--	?	?	--	?
Dry wells	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	--	?	--	?	?	--	?
Diesel Fuel AST	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	--	?	--	?	?	--	?
Lubricating Oil Drum	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	--	?	--	?	?	--	?
No. 2 Heating Oil UST	--	?	?	--	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	--	?	--	?	?	--	?
Gasoline USTs	--	?	?	--	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	--	?	--	?	?	--	?
Other Operations	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	--	?	--	?	?	--	?

Notes:
√ – COPCs are/were present in areas of concern having a current or historical pathway that is determined to be complete or potentially complete.
? – There is not enough information to determine if COPC is/was present in area of concern or if pathway is complete.
-- – Current or historical pathway has been investigated and shown to be not present or incomplete

AST – aboveground storage tank
BTEX – benzene, toluene, ethylbenzene, and xylenes
COPC – constituent of potential concern
CSO – combined sewer overflow
PAH – polycyclic aromatic hydrocarbon
PCB – polychlorinated biphenyl
SVOC – semi-volatile organic compound
TPH – total petroleum hydrocarbon
UST – underground storage tank
VOC – volatile organic compound



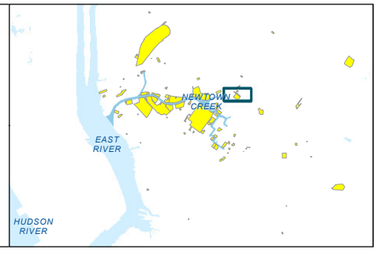
- USEPA Sample Locations (Surface and Subsurface)
- Shoreline (NYC Dept. of Information Technology, 2006)
- USGS Nat'l Elev. Dataset 5-foot Contours
- Selected Site Property Boundary
- Neighboring Site Property Boundary

Outfall Class

- Direct Discharge
- General
- Highway Drain
- Major Stormwater Outfall
- SPDES
- Storm Drain

NOTES:
1. Outfall Labeling: BB: Bowery Bay; NC(B/Q): Newtown Creek, Brooklyn/Queens; ST: Stormwater.
2. Outfall locations are preliminary, compiled, estimated data based on New York City Department of Environmental Protection (NYCDEP) maps and tabulated data and other resources. Many outfall locations were taken from the New York City Shoreline Survey Program: Newtown Creek Water Pollution Control Plant Drainage Area, NYCDEP, March 31, 2003. Other locations were taken from an excerpt from a similar report from 2008 (the complete report was not included in files available for review). Finally, some outfall locations were inherited from previous Anchor QEA and Newtown Creek Project work. Latitudinal and longitudinal data provided in the 2003 and 2008 NYCDEP reports were rounded to the nearest second. This resulted in potential outfall location discrepancies of up to approximately 200 feet. All outfall locations are currently under field verification.
3. Aerial Photos: New York State Division of Homeland Security and Emergency Services, 2010.
4. Site Boundaries are based on New York City parcels data.
5. Coarse topographic contours are derived from U.S. Geological Survey 10-meter data.

Feet
0 100 200 300 400



ANCHOR QEA

DRAFT

Figure 1
Site Vicinity Map
Draft Upland Site Summary: Former W.L.K. Corp.
Newtown Creek RI/FS

SUPPLEMENTAL ATTACHMENTS

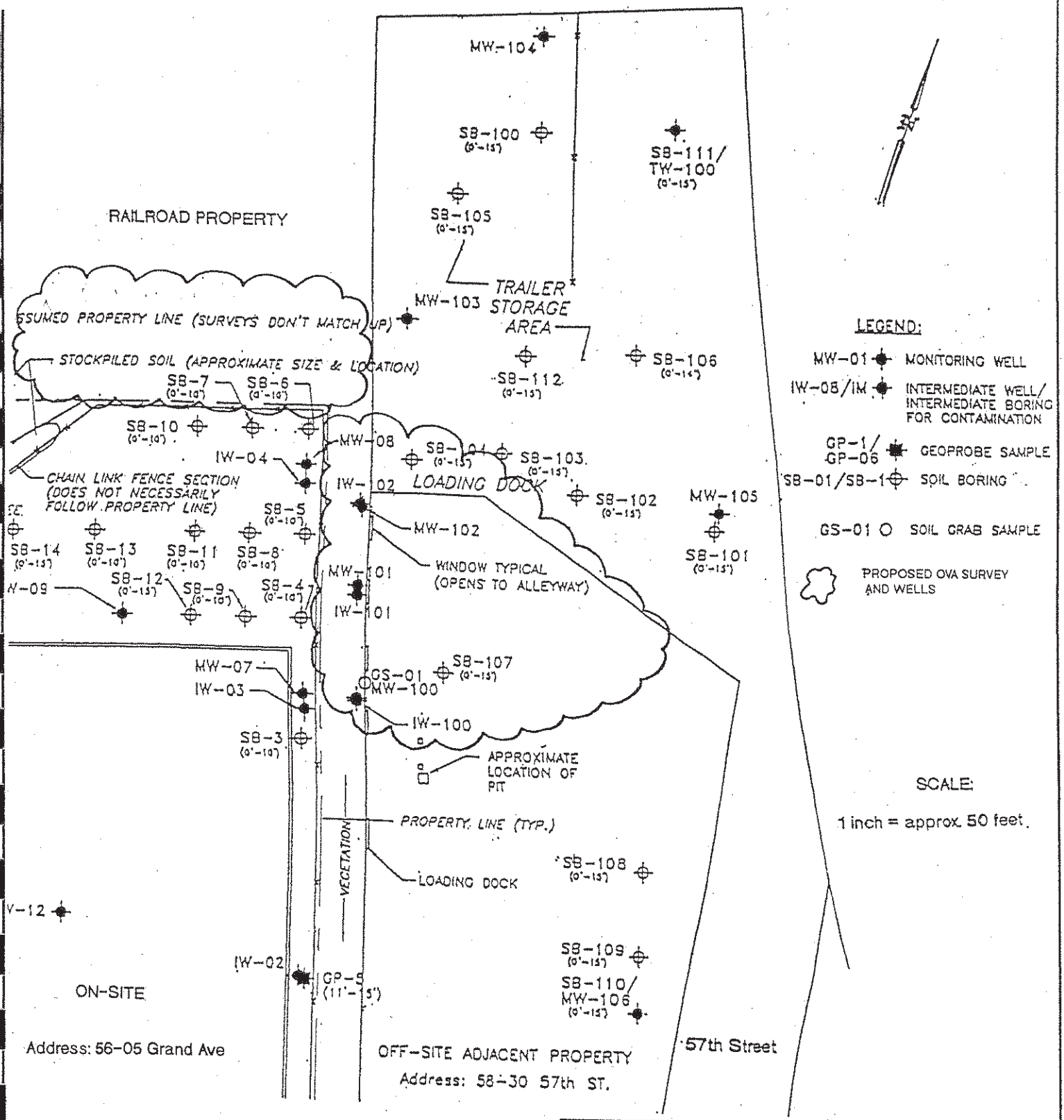
Attachment 1

TABLE 3-1
SOIL SAMPLE ANALYTICAL RESULTS
58-30 57th STREET
MASPETH, NEW YORK

Sample location	IW-100	IW-101	IW-102	GS-01	MW-103	MW-103	IW-104	SB-100	SB-101	SB-102	SB-103	SB-104	SB-105	SB-106	SB-107	SB-108	SB-109	SB-110	SB-110	MW-105	SB-111	SB-112	NYSDEC Recommended Soil Cleanup Objectives [1]
Depth (feet)	7 - 8	7 - 8	6 - 7	6 inches	8 - 10	12 - 15	12 - 14.5	12 - 15	10 - 12	6 - 7	7 - 8	6 - 7	6 - 8	12 - 14	10 - 11	8 - 9	6 - 7.5	7 - 8	11 - 12	15 - 17	14 - 15	14 - 15	
Date	5/29/02	5/29/02	5/28/02	5/28/02	5/30/02	5/30/02	5/30/02	5/30/02	5/30/02	5/30/02	5/30/02	5/30/02	5/31/02	5/31/02	5/31/02	5/31/02	5/31/02	5/31/02	5/31/02	5/31/02	6/03/02	6/03/02	
VOCs in mg/kg																							
1,1,1-Trichloroethane	U	0.03	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.8
1,2,4-Trimethylbenzene	U	U	0.061	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
1,2-Dichlorobenzene	U	U	0.079	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	7.9
1,2-Dichloroethylene (Total)	0.021 (cis-)	0.036 (cis-)	0.088 (cis-)	0.015 (cis-)	U	U	U	U	U	U	U	0.11 (cis-)	U	U	U	U	U	U	U	U	U	U	0.25 (cis-) 0.3 (t-)
1,3,5-Trimethylbenzene	U	U	0.021	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
Ethylbenzene		U	0.016	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5.5
Isopropylbenzene	U	U	0.008	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
Napthalene	U	U	0.06	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	13
n-Butylbenzene	U	U	0.044	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
n-Propylbenzene	U	U	0.011	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
o-Xylene	U	U	0.074	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2
p- & m- Xylenes	U	U	0.053	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2
p-Isopropyltoluene	U	U	0.016	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
sec-Butylbenzene	U	U	0.015	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
tert-Butylbenzene	U	U	0.011	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
Tetrachloroethylene	U	0.21	0.14	U	U	U	U	U	U	U	U	0.058	U	U	U	U	U	U	U	U	U	U	1.4
Toluene	U	U	0.006	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.5
Trichloroethylene	U	0.39	0.053	0.064	U	U	U	U	U	U	U	**0.68**	U	U	0.005	U	U	U	U	U	U	U	0.7
Σ CVOC	0.021	0.666	0.78	0.079	-	-	-	-	-	-	-	1.048	-	-	0.005	-	-	-	-	-	-	-	

Notes:
[1] = NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels (January, 1994).
- = NYSDEC Recommended Soil Cleanup Objective not established
Only detections are reported. See laboratory report for complete data.
Shaded **bold** results indicated exceedances of Recommended Soil Cleanup Objectives.
mg/kg = milligrams per kilogram
VOCs = Volatile Organic Compounds
U = Not detected

Attachment 2



FPM GROUP

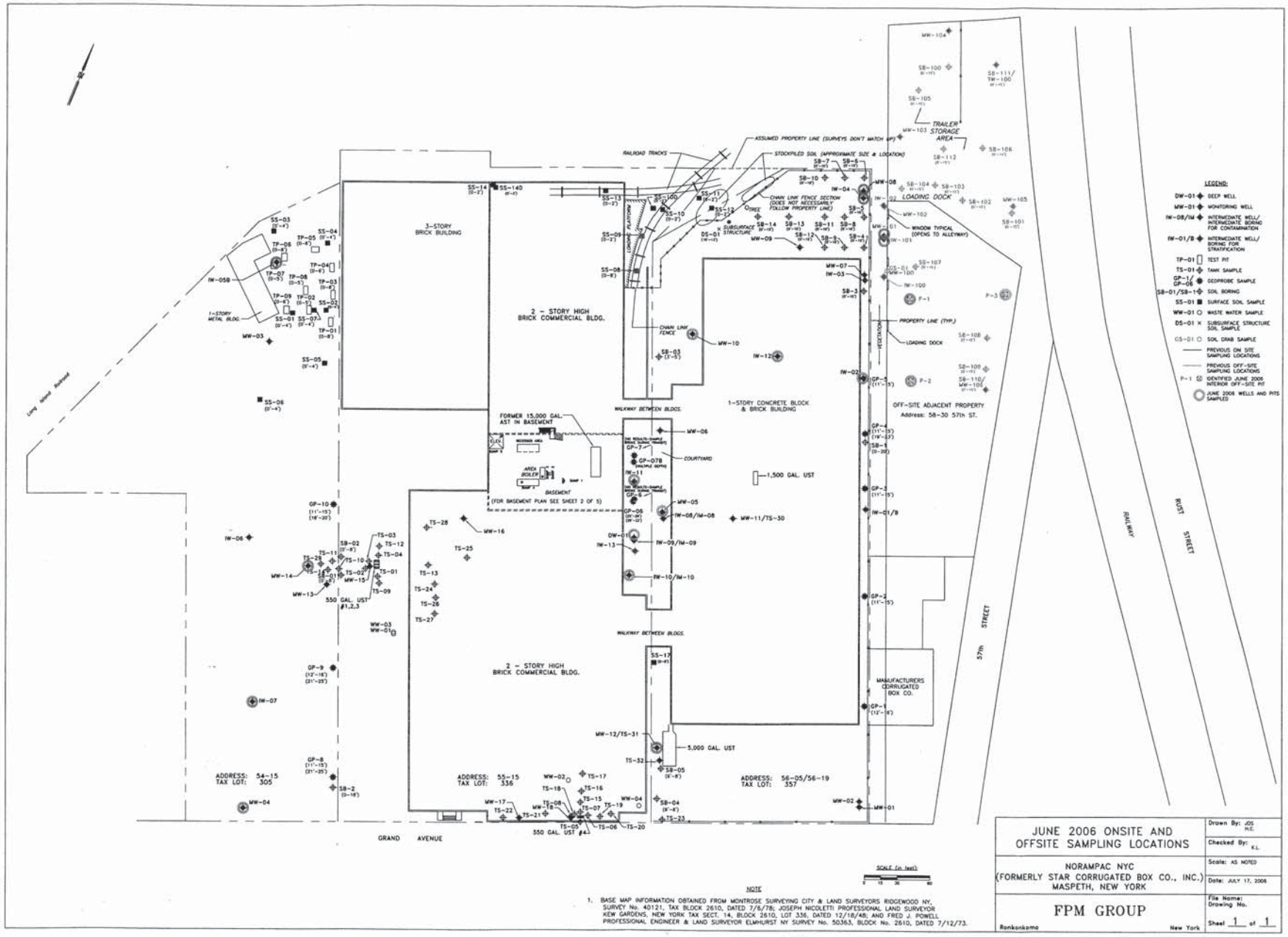
FIGURE 2-1

OFF-SITE SAMPLING LOCATIONS

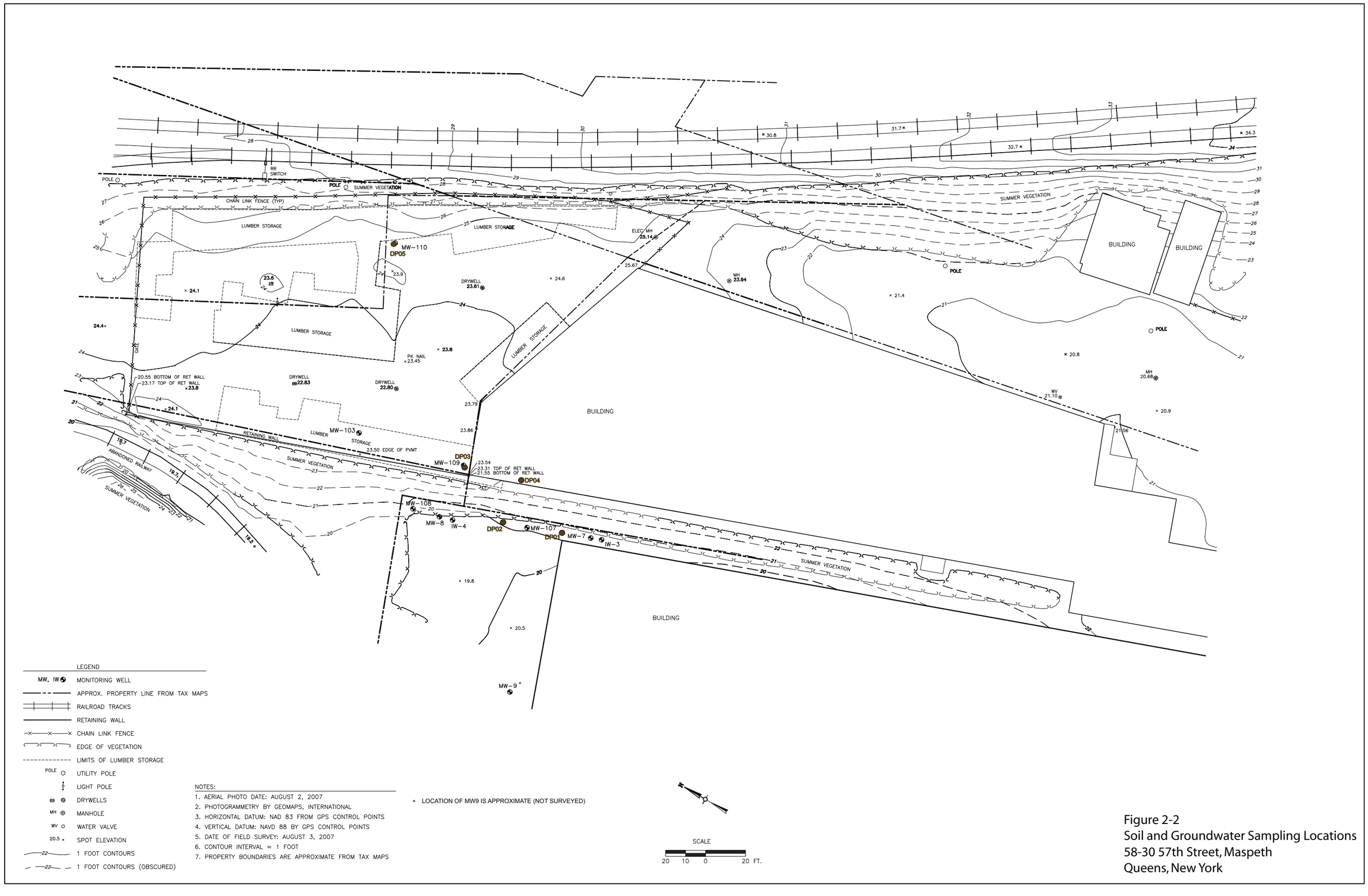
58-30 57th STREET
MASPETH, N.Y.

Drawn By: JDS	Checked By: RM	Date: 08/05/02

Attachment 3



C:\Draw\AEGIS\1--onsite and offsite samp loc.dwg, 8/2/2006 2:40:26 PM, 1:83.6479



LEGEND

- MW, IW — MONITORING WELL
- APPROX. PROPERTY LINE FROM TAX MAPS
- RAILROAD TRACKS
- RETAINING WALL
- CHAIN LINK FENCE
- EDGE OF VEGETATION
- LIMITS OF LUMBER STORAGE
- POLE — UTILITY POLE
- LIGHT POLE
- DRYWELLS
- MH — MANHOLE
- WV — WATER VALVE
- 20.5 × — SPOT ELEVATION
- 22 — 1 FOOT CONTOURS
- 22 — 1 FOOT CONTOURS (OBSCURED)

NOTES:

1. AERIAL PHOTO DATE: AUGUST 2, 2007
2. PHOTOGRAMMETRY BY GEOMAPS, INTERNATIONAL
3. HORIZONTAL DATUM: NAD 83 FROM GPS CONTROL POINTS
4. VERTICAL DATUM: NAVD 88 BY GPS CONTROL POINTS
5. DATE OF FIELD SURVEY: AUGUST 3, 2007
6. CONTOUR INTERVAL = 1 FOOT
7. PROPERTY BOUNDARIES ARE APPROXIMATE FROM TAX MAPS

* LOCATION OF MW9 IS APPROXIMATE (NOT SURVEYED)

SCALE

20 10 0 20 FT.

Figure 2-2
Soil and Groundwater Sampling Locations
58-30 57th Street, Maspeth
Queens, New York

Attachment 5

Table 4-2
Direct Push Soil Sampling Results
58-30 57th Street
Maspeth, Queens, New York

Sample ID	Site-Specific Soil Delineation Criteria	241097-DP01-SS04	241097-DP11-SS04	241097-DP01-SS08	241097-DP02-SS04
Sample Location		DP01	DP01 (Duplicate)	DP01	DP02
Lab Sample Number		F0915-05C	F0915-07C	F0915-06C	F0915-10C
Sampling Date		07/02/2007	07/02/2007	07/02/2007	07/02/2007
Unit	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
1,1,1-Trichloroethane	680	54 J	53 J	**780** DJ	510 D
1,1,2,2-Tetrachloroethane	600	3.8 U	3.3 U	4.5 J	3.7 U
1,1,2-Trichloro-1,2,2-trifluoroethane	N/A	3.8 J	3.3 J	11 J	8.8 J
1,1,2-Trichloroethane	N/A	3.8 U	3.3 U	4.5 J	3.7 U
1,1-Dichloroethane	200	13 J	9.9 J	12 J	55 J
1,1-Dichloroethene	330	9.4 J	3.3 J	32 J	14 J
1,2,3-Trichlorobenzene	N/A	3.8 R	3.3 R	4.5 R	10 J
1,2,4-Trichlorobenzene	3,400	3.8 R	3.3 R	4.5 R	27 J
1,2-Dibromo-3-chloropropane	N/A	3.8 R	3.3 R	4.5 R	3.7 J
1,2-Dibromoethane	N/A	3.8 U	3.3 U	4.5 J	3.7 U
1,2-Dichlorobenzene	1,100	3.8 R	3.3 R	52 J	670 DJ
1,2-Dichloroethane	20	3.8 J	3.3 J	4.5 J	3.7 J
1,2-Dichloropropane	N/A	3.8 U	3.3 U	4.5 J	3.7 U
1,3-Dichlorobenzene	1,600	3.8 R	3.3 R	4.5 R	8.2 J
1,4-Dichlorobenzene	1,800	3.8 R	3.3 R	4.4 J	21 J
1,4-Dioxane	N/A	76 R	67 R	89 R	74 R
2-Butanone	N/A	7.6 U	6.7 U	8.9 J	7.4 U
2-Hexanone	N/A	7.6 U	6.7 U	8.9 J	7.4 U
4-Methyl-2-pentanone	1,000	7.6 J	6.7 J	8.9 J	7.4 J
Acetone	50	7.6 U	6.7 U	32 J	**95** J
Benzene	60	3.8 J	3.3 J	4.5 J	3.7 J
Bromochloromethane	N/A	3.8 U	3.3 U	4.5 J	3.7 U
Bromodichloromethane	N/A	3.8 R	3.3 R	4.5 R	3.7 J
Bromoform	N/A	3.8 J	3.3 J	4.5 J	3.7 J
Bromomethane	N/A	3.8 J	3.3 J	4.5 J	3.7 J
Carbon disulfide	2,700	3.8 U	3.3 U	4.5 J	3.6 J
Carbon tetrachloride	600	3.8 U	3.3 U	4.5 J	3.7 U
Chlorobenzene	1,100	3.8 J	3.3 J	4.5 J	27 J
Chloroethane	1,900	3.8 J	3.3 J	4.5 J	3.7 J
Chloroform	300	3.8 U	3.3 U	4.5 U	3.7 J
Chloromethane	N/A	3.8 J	3.3 J	4.5 J	3.7 J
cis-1,2-Dichloroethene	250	**1100** D	**760** D	**720** DJ	**4300** D
cis-1,3-Dichloropropene	N/A	3.8 U	3.3 U	4.5 J	3.7 U
Cyclohexane	N/A	3.8 U	3.3 U	4.5 J	3.7 U
Dibromochloromethane	N/A	3.8 J	3.3 J	4.5 J	3.7 J
Dichlorodifluoromethane	N/A	3.8 U	3.3 U	4.5 J	3.7 U
Ethylbenzene	1,000	3.8 U	3.3 U	4.5 J	68 J
Isopropylbenzene	N/A	3.8 J	3.3 J	4.5 J	15 J
m,p-Xylene	1,200	3.8 U	3.3 U	4.5 J	310 DJ
Methyl acetate	N/A	3.8 J	3.3 J	4.5 J	3.7 J
Methyl tert-butyl ether	930	3.8 J	3.3 J	4.5 J	3.7 J
Methylcyclohexane	N/A	3.8 J	3.3 J	9.3 J	3.7 J
Methylene chloride	50	3.8 J	3.3 J	4.5 J	3.7 J
o-Xylene	1,200	3.8 U	3.3 U	3 J	370 DJ
Styrene	N/A	3.8 U	3.3 U	4.5 J	3.7 U
Tetrachloroethene	1,300	89	47 J	**2300** DJ	**7200** D
Toluene	700	3.8 U	3.3 U	4.5 J	18 J
trans-1,2-Dichloroethene	190	9.3 J	5.5 J	6.9 J	39 J
trans-1,3-Dichloropropene	N/A	3.8 U	3.3 U	4.5 J	3.7 U
Trichloroethene	470	**12000** D	**7700** D	**5000** DJ	**850** D
Trichlorofluoromethane	N/A	3.8 J	3.3 J	4.5 J	3.7 J
Vinyl chloride	20	3.8 J	3.3 J	4.7 J	**390** DJ

Notes:
µg/kg: microgram per kilogram
N/A: Not Available or None Established
D: Concentration taken from a diluted analysis
J: Estimated value
R: Rejected value
U: Not detected at the indicated concentration
Bold Exceeded criteria

Table 4-2
Direct Push Soil Sampling Results
58-30 57th Street
Maspeth, Queens, New York

Sample ID	Site-Specific Soil Delineation Criteria	241097-DP02-SS08	241097-DP03-SS15	241097-DP04-SS10	241097-DP04-SS15	241097-DP05-SS06
Sample Location		DP02	DP03	DP04	DP04	DP05
Lab Sample Number		F0915-11C	F0915-01C	F0915-03C	F0915-04C	F0915-15B
Sampling Date		07/02/2007	07/02/2007	07/02/2007	07/02/2007	07/02/2007
Unit	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
1,1,1-Trichloroethane	680	**13000** D	2.6 U	**1100** D	58	3.6 U
1,1,2,2-Tetrachloroethane	600	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
1,1,2-Trichloro-1,2,2-trifluoroethane	N/A	22	2.6 U	8.3 J	2.5 U	3.6 U
1,1,2-Trichloroethane	N/A	3.8 U	2.6 U	7.8 J	1.8 J	3.6 U
1,1-Dichloroethane	200	13	3.4	71 J	22	3.6 U
1,1-Dichloroethene	330	59	1.2 J	64 J	23	3.6 U
1,2,3-Trichlorobenzene	N/A	3.8 U	2.6 U	3.6 R	2.5 J	3.6 J
1,2,4-Trichlorobenzene	3,400	1.8 J	2.6 U	3.6 R	1 J	3.6 J
1,2-Dibromo-3-chloropropane	N/A	3.8 U	2.6 U	3.6 R	2.5 J	3.6 J
1,2-Dibromoethane	N/A	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
1,2-Dichlorobenzene	1,100	29	2.6 U	3.3 J	19 J	3.6 J
1,2-Dichloroethane	20	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
1,2-Dichloropropane	N/A	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
1,3-Dichlorobenzene	1,600	3.8 U	2.6 U	3.6 R	2.5 J	3.6 J
1,4-Dichlorobenzene	1,800	2.3 J	2.6 U	3.6 R	1.1 J	3.6 J
1,4-Dioxane	N/A	77 R	51 R	73 R	51 R	73 R
2-Butanone	N/A	7.7 U	5.1 U	7.3 U	5.1 U	7.3 U
2-Hexanone	N/A	7.7 U	5.1 U	7.3 U	5.1 U	7.3 U
4-Methyl-2-pentanone	1,000	7.7 U	5.1 U	7.3 J	5.1 U	7.3 U
Acetone	50	21	5.1 U	**200** J	6.1	7.3 U
Benzene	60	3.8 U	2.6 U	3.8 U	2.5 U	3.6 U
Bromochloromethane	N/A	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
Bromodichloromethane	N/A	3.8 U	2.6 U	3.6 R	2.5 J	3.6 J
Bromoform	N/A	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
Bromomethane	N/A	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
Carbon disulfide	2,700	3.8 U	2.6 U	8.2 J	2.5 U	3.6 U
Carbon tetrachloride	600	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
Chlorobenzene	1,100	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
Chloroethane	1,900	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
Chloroform	300	7.2 U	2.6 U	6.1 U	2.5 U	3.6 U
Chloromethane	N/A	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
cis-1,2-Dichloroethene	250	**9400** D	130 DJ	**46000** D	**1900** D	4
cis-1,3-Dichloropropene	N/A	3.8 U	2.6 U	3.6 U	2.5 D	3.6 U
Cyclohexane	N/A	3.8 U	2.6 U	9.2 J	2.5 U	3.6 U
Dibromochloromethane	N/A	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
Dichlorodifluoromethane	N/A	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
Ethylbenzene	1,000	23	2.6 U	5.2 J	2.5 U	3.6 U
Isopropylbenzene	N/A	1.7 J	2.6 U	3.6 J	2.5 U	3.6 U
m,p-Xylene	1,200	24	2.6 U	6.3 J	2.5 U	3.6 U
Methyl acetate	N/A	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
Methyl tert-butyl ether	930	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
Methylcyclohexane	N/A	3.8 U	2.6 U	8 J	1.8 J	3.6 U
Methylene chloride	50	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
o-Xylene	1,200	42	2.6 U	14 J	9.9	3.6 U
Styrene	N/A	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
Tetrachloroethene	1,300	**20000** D	6.3	**2600** D	6	2 J
Toluene	700	16	2.6 U	9.6 J	1.1 J	3.6 U
trans-1,2-Dichloroethene	190	2.9 J	4.9	**1900** DJ	21	3.6 U
trans-1,3-Dichloropropene	N/A	3.8 U	2.6 U	3.6 U	2.5 U	3.6 U
Trichloroethene	470	**91000** D	290 D	**31000** D	94	18
Trichlorofluoromethane	N/A	3.8 U	2.6 U	3.6 J	2.5 U	3.6 U
Vinyl chloride	20	6.7	6	**2500** DJ	**150** DJ	3.6 U

Notes:
µg/kg: microgram per kilogram
N/A: Not Available or None Established
D: Concentration taken from a diluted analysis
J: Estimated value
R: Rejected value
U: Not detected at the indicated concentration
Bold Exceeded criteria

Attachment 6

TABLE 1
SHALLOW GROUNDWATER SAMPLE CHEMICAL ANALYTICAL RESULTS
NORAMPAC NYC (FORMERLY STAR CORRUGATED BOX CO.)
ON-SITE, 55-05 & 56-05 GRAND AVENUE, MASPETH NY

Sample Location	MW-04		MW-05		MW-08		MW-10		MW-12		MW-14[1]	NYSDEC Class GA Groundwater Standards
Depth (feet)	2-17		5-15		5-15		5-15		5-15		5-15	
Sample Date	6/4/2001	6/19/2006	7/19/2001	6/19/2006	7/19/2001	6/19/2006	7/19/2001	6/19/2006	7/19/2001	6/19/2006	6/19/2006	
VOCs in ug/l												
1,1,1 - Trichloroethane	U	U	U	U	**6,200**	**3,400**	U	U	U	U	U	5
1,1 - Dichloroethane	U	U	**31**	U	**320**	U	U	U	U	U	U	5
1,1 - Dichloroethylene	U	U	U	U	**530**	U	U	U	U	U	U	5
1,2 - Dichloroethylene	U	U	**920 (cis-)**	**800 (cis-)**	**23,000 (cis-)**	**52,000 (cis-)**	**20 (cis-)**	U	U	U	U	5
1,2,4 - Trimethylbenzene	U	U	U	U	U	U	U	U	**62**	U	U	5
1,3,5 - Trimethylbenzene	U	U	U	U	U	U	U	U	**23**	U	U	5
Chloroform	U	U	U	U	U	U	**13**	U	**15**	U	U	7
Ethylbenzene	U	U	U	U	**130**	U	U	U	**6**	U	U	5
Isopropylbenzene	U	U	U	U	U	U	U	U	**6**	U	U	5
n - Butylbenzene	U	U	U	U	U	U	U	U	5	U	U	5
n - Propylbenzene	U	U	U	U	U	U	U	U	**7**	U	U	5
o - Xylene	U	U	U	U	**110**	U	U	U	5	U	U	5
p - & - m - Xylenes	U	U	U	U	**190**	U	U	U	2	U	U	5
Total Xylenes	U	U	U	U	**300**	U	U	U	**7**	U	U	5
p - Isopropyltoluene	U	U	U	U	U	U	U	U	3	U	U	5
sec - Butylbenzene	U	U	U	U	U	U	U	U	5	U	U	5
tert - Butylbenzene	U	U	U	U	U	U	U	U	**7**	U	U	5
Terachloroethylene	U	U	U	U	**4,400**	U	U	U	U	U	U	5
Toluene	U	U	U	U	**620**	U	U	U	U	U	U	5
Trichloroethylene	**72**	**7**	**230**	**330**	**230,000**	**63,000**	**7**	U	5	U	U	5
Vinyl Chloride	U	U	**93**	U	U	U	1	U	U	U	U	2
Σ CVOCs	**72**	**7**	**1,274**	**1,130**	**264,450**	**118,400**	**27**	**U**	**92**	**U**	**U**	-

Notes:

Only detected compounds are reported on this table. See laboratory report for a complete list of analytes.

VOCs = Volatile Organic Compounds

CVOCs = Chlorinated Volatile Organic Compounds

MW = Shallow Monitoring Well (e.g., screened 5-15')

U = Not detected

Bold shaded results indicated exceedances of NYSDEC Class GA Ambient Water Quality Standards

ug/l = micrograms per liter

[1] No previous CVOC results are available for well MW-14 because this is a petroleum spill monitoring well

Attachment 6

TABLE 2
INTERMEDIATE GROUNDWATER SAMPLING RESULTS
NORAMPAC NYC (FORMERLY STAR CORRUGATED BOX CO.)
ON-SITE, 55-05 &56-05 GRAND AVENUE, MASPETH NY

Sample Location	IW-02		IW-04		IW-05 B		IW-07		IW-10		IW-11		IW-12		DW-01		NYSDEC Class GA Groundwater Standards
Depth (feet)	20-35		20-35		20-35		20-35		20-30		21-31		20-35		32-47		
Sample Date	6/26/2001	6/19/2006	6/27/2001	6/20/2006	7/19/2001	6/19/2006	6/22/2001	6/19/2006	6/26/2001	6/20/2006	6/27/2001	6/20/2006	7/19/2001	6/19/2006	6/27/2001	6/20/2006	
VOCs in ug/l																	
1,1 - Dichloroethane	6	U	70	U	U	U	U	U	U	U	15	9	110	U	U	U	5
1,2 - Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2	U	0.6
1,1 - Dichloroethylene	U	U	52	U	U	U	U	U	U	U	5	6	U	U	U	U	5
1,2 - Dichloroethylene	26 (cis-)	3,200 (cis-)	5100 (cis-) 8 (t-)	33,000 (cis-)	170 (cis-)	17 (cis-)	92 (cis-)	39 (cis-)	U	U	420 (cis-) 3 (t-)	210 (cis-)	5,100 (cis-)	11,000 (cis-)	83 (cis-) 1 (t-)	39 (cis-)	5 (cis-) 5 (t-)
Tetrachloroethylene	U	U	210	U	14	U	14	U	U	U	1	U	73	U	2	U	5
Toluene	U	U	24	U	U	U	U	U	U	U	U	U	U	U	U	U	5
1,1,1 - Trichloroethane	U	U	180	U	U	U	U	U	U	U	U	U	76	U	U	U	5
Trichloroethylene	5	U	13,000	130,000	300	14	150	38	12	U	250	230	4,800	5,000	220	140	5
Vinyl Chloride	3	U	40	U	U	U	U	U	U	U	31	16	130	U	1	U	2
Ethylbenzene	U	U	5	U	U	U	U	U	U	U	U	U	U	U	U	U	5
o - Xylene	U	U	6	U	U	U	U	U	U	U	U	U	U	U	U	U	5
p & m - Xylenes	U	U	10	U	U	U	U	U	U	U	U	U	U	U	U	U	5
MTBE	U	U	U	U	U	U	U	61	U	U	U	83	U	U	U	180	-
Chloroform	U	U	2	U	U	U	U	U	U	U	U	U	U	U	U	U	7
Σ CVOCs	**35**	**3,200**	**18,660**	**163,000**	**484**	**31**	**256**	**77**	**12**	**U**	**719**	**471**	**10,289**	**16,000**	**305**	**179**	-

Notes:
Only detected compounds are reported on this table. See laboratory results for a complete list of analytes
VOCs = Volatile Organic Compounds
CVOCs = Chlorinated Volatile Organic Compounds
IW = Intermediate Well (e.g., screened 20-35')
DW = Deep Well (e.g. screened 32-47')
U = Not Detected
Bold shaded results indicated exceedences of NYSDEC Class GA Ambient Quality Water Standards
ug/l = micrograms per liter

Attachment 6

TABLE 3
COMBINED SOIL & WATER SAMPLES FROM OFFSITE
FELDMAN LUMBER (FORMERLY METROPOLITAN MINING)
OFF-SITE, 58-30 57TH ST, MASPETH NY

Sample Location	IW-101		MW-101		NYSDEC Class GA Groundwater Standards
Depth (feet)	20-35		4-14		
Sample Date	6/12/2002	6/20/2006	6/12/2002	6/20/2006	
VOCs in ug/l					
1,1 - Dichloroethane	**210**	U	U	U	5
1,2 - Dichloroethylene	**4,400 (cis-)**	**10,000 (cis-)**	**23,000 (cis-)**	**55,000 (cis-)**	5 (cis-) 5 (t-)
Tetrachloroethylene	U	U	**3,100**	U	5
1,1,1 - Trichloroethane	**110**	**1,700**	**27,000**	**5,400**	5
Trichloroethylene	**17,000**	**9,500**	**150,000**	**99,000**	5
Vinyl Chloride	**640**	U	U	U	2
Ethylbenzene	**180**	U	U	U	5
p - & - m - Xylenes	U	U	**1,500**	U	5
Σ CVOCs	**22,360**	**21,200**	**203,100**	**159,400**	-

Sample Location	P-1	P-2	P-3	NYSDEC Recommended Soil Cleanup Objective
Depth (feet)	0-0.5	0-0.5	0-0.5	
Sample Date	6/20/2006	6/20/2006	6/20/2006	
VOCs in mg/kg				
1,1 - Dichloroethane	U	U	U	0.2
1,2 - Dichloroethylene	U	U	U	0.25 (cis-) 0.3 (t-)
Tetrachloroethylene	U	U	0.016	1.4
1,1,1 - Trichloroethane	U	U	U	0.8
Trichloroethylene	U	U	0.24	0.7
Vinyl Chloride	U	U	U	0.2
Ethylbenzene	U	U	U	5.5
p - & - m - Xylenes	U	U	U	1.2
Σ CVOCs	**U**	**U**	**0.256**	-

Notes:

Only detected compounds are reported on this table. See Laboratory results for a complete list of analytes.

VOCs = Volatile Organic Compounds

CVOCs = Chlorinated Volatile Organic Compounds

MW = Shallow Monitoring Well (e.g., screened 5-15')

IW = Intermediate well (e.g., screened 20-35')

U = Not Detected

Bold shaded results indicated exceedences in NYSDEC class GA Ambient Quality Water Standards

ug/l = micrograms per liter

mg/kg = milligrams per killigram

Attachment 7

Table 4-4
Monitoring Well Sampling Results
58-30 57th Street
Maspeth, Queens, New York

Sample ID	Site-Specific Groundwater Delineation Criteria	241097-MWIW3-GW30	241097-MW7-GW10	241097-MW8-GW10	241097-MW9-GW12
Sample Location		IW3	MW7	MW8	MW9
Lab Sample Number		F1076-06A	F1076-05A	F1076-10A	F1076-08A
Sampling Date		08/03/2007	08/03/2007	08/03/2007	08/03/2007
Unit	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5	**6.9** J	**3200** D	**3700** D	**2500** D
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	2.7 J	**500** DJ	**2500** DJ	**12** J
1,1,2-Trichloroethane	1	**5.1** J	**6.7**	0.5 U	**4.7** J
1,1-Dichloroethane	5	**1400** D	**500** DJ	**25** J	**500** DJ
1,1-Dichloroethene	5	**1600** D	**500** DJ	**2500** DJ	**500** DJ
1,2,3-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.0006	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	3	0.43 J	**19**	**8.1** J	**11** J
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	3	0.5 U	0.5 U	0.36 J	0.5 U
1,4-Dichlorobenzene	3	0.5 U	1.2	1.3 J	0.65 J
2-Butanone	50	5 U	5 U	5 U	5 U
2-Hexanone	50	5 R	5 R	5 R	5 R
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U
Acetone	50	58 UJ	5 R	5 R	5 R
Benzene	1	**6.3** J	1.6 U	0.5 U	1.8 U
Bromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	50	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	1.2 U	2.3 U	2.8 U	1.6 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.51 J	6.8	**7.2** J	3 J
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**53000** D	**15000** D	**9300** D	**11000** D
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	50	0.32 J	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	**11** J	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	**6** J	0.5 U	2.2 J	0.5 U
Isopropylbenzene	5	0.5 J	1.1	0.5 U	0.61 J
Methyl acetate	50	0.5 R	0.5 R	0.5 R	0.5 R
Methyl tert-butyl ether	10	**19** J	0.5 U	0.5 U	0.5 U
Methylcyclohexane	50	0.5 U	4.7	0.5 U	0.5 U
Methylene chloride	5	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**2000** DJ	**930** D	**2300** D	**720** D
Toluene	5	**12** J	1.1 U	**10** J	1.7 U
trans-1,2-Dichloroethene	5	**2000** DJ	**500** DJ	**5** J	**19** J
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**15000** D	**15000** D	**59000** D	**10000** D
Trichlorofluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	**2000** DJ	**500** DJ	**9.4** J	**800** D
Xylenes (Total)	5	**9.8** J	**12**	4 J	**22** J

Notes:
µ/L - micrograms per Liter
N/A: Not Available or None Established
D: Concentration taken from a diluted analysis
J: Estimated value
R: Rejected value
U: Not detected at the indicated concentration
Bold Exceeded criteria

Attachment 7

Table 4-4
Monitoring Well Sampling Results
58-30 57th Street
Maspeth, Queens, New York

Sample ID	Site-Specific Groundwater Delineation Criteria	241097-MW103-GW16	241097-MWW107-GW15	241097-MW108-GW15	241097-MW109-GW20
Sample Location		MW103	MW107	MW108	MW109
Lab Sample Number		F1076-04A	F1076-09A	F1076-11A	F1076-02A
Sampling Date		08/02/2007	08/03/2007	08/03/2007	08/02/2007
Unit	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5	0.7	**71000** D	**2000** DJ	**16**
1,1,2,2-Tetrachloroethane	5	0.5 U	**16** J	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.5 U	**10000** DJ	**13** J	0.92
1,1,2-Trichloroethane	1	0.5 U	**10000** DJ	**2.2** J	0.5 U
1,1-Dichloroethane	5	0.36 J	**10000** DJ	**2000** DJ	**10**
1,1-Dichloroethene	5	0.5 U	**10000** DJ	**2000** DJ	2.3
1,2,3-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.0006	0.5 U	**0.5** J	0.5 U	0.5 U
1,2-Dichlorobenzene	3	0.5 U	**23** J	1.9 J	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 J	0.5 U	0.5 U
1,3-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	0.5 U	1.1 J	0.5 U	0.5 U
2-Butanone	50	5 U	5 U	5 U	5 U
2-Hexanone	50	5 R	5 R	5 U	5 R
4-Methyl-2-pentanone	50	5 U	5 J	5 U	5 U
Acetone	50	5 R	5 R	5 R	5 R
Benzene	1	0.5 U	0.5 J	0.86 U	0.5 U
Bromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 J	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	50	0.5 U	0.5 U	0.5 U	0.37 J
Carbon tetrachloride	5	0.5 U	**10000** DJ	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	**11** J	1.3 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	**10000** DJ	1 J	0.98
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**6**	**42000** D	**11000** DJ	**530** D
cis-1,3-Dichloropropene	0.4	0.5 U	**0.5** J	0.5 U	0.5 U
Cyclohexane	50	0.5 U	0.5 J	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 J	0.5 U	0.5 U
Dichlorodifluoromethane	5	0.5 U	0.5 U	1.3 J	0.5 U
Ethylbenzene	5	0.5 U	**10000** DJ	0.49 J	0.5 U
Isopropylbenzene	5	0.5 U	1.4 J	0.47 J	0.5 U
Methyl acetate	50	0.5 R	0.5 R	0.5 R	0.5 R
Methyl tert-butyl ether	10	0.5 U	0.5 U	**2000** DJ	1.7
Methylcyclohexane	50	0.5 U	0.5 J	0.5 U	0.5 U
Methylene chloride	5	0.5 U	**22** J	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 J	0.5 U	0.5 U
Tetrachloroethene	5	0.95	**10000** DJ	**2000** DJ	**47** D
Toluene	5	0.5 U	**10000** DJ	2.7 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	**10000** DJ	**8.6** J	**18**
trans-1,3-Dichloropropene	0.4	0.5 U	**0.5** J	0.5 U	0.5 U
Trichloroethene	5	**49** D	**360000** D	**30000** D	**710** D
Trichlorofluoromethane	5	0.5 U	1.6 J	0.5 U	0.5 U
Vinyl chloride	2	0.5 U	**10000** DJ	**2000** DJ	**4.2**
Xylenes (Total)	5	0.5 U	**10000** DJ	**7.8** J	0.6

Notes:
µ/L - micrograms per Liter
N/A: Not Available or None Established
D: Concentration taken from a diluted analysis
J: Estimated value
R: Rejected value
U: Not detected at the indicated concentration
Bold Exceeded criteria

Attachment 7

Table 4-4
Monitoring Well Sampling Results
58-30 57th Street
Maspeth, Queens, New York

Sample ID	Site-Specific Groundwater Delineation Criteria	241097-MW109-GW20D	241097-MW110-GW15	FB080307	TB080207
Sample Location		MW109 (Duplicate)	MW110	Field Blank	Trip Blank
Lab Sample Number		F1076-03A	F1076-01A	F1076-07A	F1076-12A
Sampling Date		08/02/2007	08/02/2007	08/03/2007	08/02/2007
Unit	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5	**16**	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1.1	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	**10**	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	2.1	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.0006	0.5 U	0.5 U	0.5 R	0.5 R
1,2-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	5 U	5 U	5 R	5 R
2-Hexanone	50	5 R	5 R	5 R	5 R
4-Methyl-2-pentanone	50	5 U	5 U	5 R	5 R
Acetone	50	5 R	5 R	29 J	5 R
Benzene	1	0.5 U	0.5 U	**1.1**	0.5 U
Bromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	50	0.38 J	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.5 U	0.7	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.98	0.5 U	0.5 U	0.5 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**510** D	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	50	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
Methyl acetate	50	0.5 R	0.5 R	0.5 R	0.5 R
Methyl tert-butyl ether	10	1.5	1.7	0.5 U	0.5 U
Methylcyclohexane	50	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	5	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	**40** D	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.72	0.5 U
trans-1,2-Dichloroethene	5	**18**	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**660** D	0.5 U	0.99 MB	0.5 U
Trichlorofluoromethane	5	0.5 U	0.5 U	0.5 J	0.5 J
Vinyl chloride	2	**3.8**	0.5 U	0.5 U	0.5 U
Xylenes (Total)	5	0.58	0.5 U	0.5 U	0.5 U

Notes:
µ/L - micrograms per Liter
N/A: Not Available or None Established
D: Concentration taken from a diluted analysis
J: Estimated value
R: Rejected value
U: Not detected at the indicated concentration
Bold Exceeded criteria

Attachment 8

Table 4-3
Direct Push Groundwater Sampling Results
58-30 57th Street
Maspeth, Queens, New York

Sample ID	Site-Specific	241097-DP01-GW10	241097-DP-11-GW10	241097-DP02-GW10	241097-DP03-GW18
Sample Location	Groundwater	DP01	DP01 (Duplicate)	DP02	DP03
Lab Sample Number	Delineation	F0915-08A	F0915-09A	F0915-12A	F0915-02A
Sampling Date	Criteria	07/02/2007	07/02/2007	07/02/2007	07/02/2007
Unit	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5	**4000** D	**3600** D	**8200** D	**13**
1,1,2,2-Tetrachloroethane	5	0.5 U	0.48 J	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	**1000** DJ	**19**	**2500** DJ	1.5
1,1,2-Trichloroethane	1	**7.5**	**6.4**	**7.8**	0.5 U
1,1-Dichloroethane	5	**1000** DJ	**1000** DJ	**2500** DJ	**8**
1,1-Dichloroethene	5	**1000** DJ	**1000** DJ	**2500** DJ	4.3
1,2,3-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.04	0.5 R	0.5 R	0.5 R	0.5 R
1,2-Dibromoethane	0.0006	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	3	**11**	**8.8**	**23**	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	3	0.5 U	0.5 U	0.32 J	0.5 U
1,4-Dichlorobenzene	3	0.59	0.41 J	1.4	0.5 U
2-Butanone	50	5 R	5 R	5 R	5 R
2-Hexanone	50	5 R	5 R	5 R	5 R
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U
Acetone	50	11 UJ	11 UJ	15 UJ	5 R
Benzene	1	1.5 U	1.5 U	2 U	0.5 U
Bromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	50	0.5 U	0.5 U	0.33 J	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	1.8 U	1.5 U	2.6 U	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	2.4
Chloroform	7	6.1 U	6 U	**17**	0.52 U
Chloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	5	**22000** D	**19000** D	0.5 U	**520** D
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	50	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.36 J	0.5 U	**25**	0.5 U
Isopropylbenzene	5	0.73	0.57	1.2	0.5 U
Methyl acetate	50	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.91
Methylcyclohexane	50	0.5 U	1.9	0.5 U	0.5 U
Methylene chloride	5	0.65	0.67	0.53	0.5 U
Styrene	5	0.5 U	0.45 J	0.5 U	0.5 U
Tetrachloroethene	5	**670** DJ	**1000** DJ	**2500** DJ	**10**
Toluene	5	2.8	2.5	**2500** DJ	0.33 J
trans-1,2-Dichloroethene	5	**18**	**23**	**17**	**8.8**
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**19000** D	**16000** D	**48000** D	**400** D
Trichlorofluoromethane	5	0.5 U	0.39 J	2.2	0.5 U
Vinyl chloride	2	**1000** DJ	**1000** DJ	**2500** DJ	**18**
Xylenes (Total)	5	**16**	**12**	**91**	0.5 U

Notes:
µ/L - micrograms per Liter
N/A: Not Available or None Established
D: Concentration taken from a diluted analysis
J: Estimated value
R: Rejected value
U: Not detected at the indicated concentration
Bold Exceeded criteria

Table 4-3
Direct Push Groundwater Sampling Results
58-30 57th Street
Maspeth, Queens, New York

Sample ID	Site-Specific	241097-DP05-GW25	241097-FB070207-GW	241097-FB070207-SS	241097-TB07-0207
Sample Location	Groundwater	DP05	Field Blank	Field Blank	Trip Blank
Lab Sample Number	Delineation	F0915-16A	F0915-13A	F0915-14A	F0915-17A
Sampling Date	Criteria	07/02/2007	07/02/2007	07/02/2007	07/02/2007
Unit	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5	**18**	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 J	0.5 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	5	0.34 J	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	0.5 J	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	5	0.5 J	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	0.04	**0.5** J	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	0.0006	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	3	0.5 J	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	3	0.5 J	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	0.5 J	0.5 U	0.5 U	0.5 U
2-Butanone	50	5 R	5 U	5 U	5 U
2-Hexanone	50	5 R	5 U	5 U	5 U
4-Methyl-2-pentanone	50	5 U	5 U	5 U	5 U
Acetone	50	5 R	5	5 U	5 U
Benzene	1	0.5 U	**1.1**	**1.3**	0.5 U
Bromochloromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	50	0.5 U	0.35 J	0.36 J	0.5 U
Bromoform	50	0.5 J	0.5 U	0.5 U	0.5 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	50	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	0.5 U	0.64	0.84	0.5 U
Chloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	1.3	1.5	0.5 U
Chloromethane	5	0.54 U	1.3	0.34 J	0.5 U
cis-1,2-Dichloroethene	5	**49** D	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	50	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U
Methyl acetate	50	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	50	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	5	0.5 U	0.5 U	0.5 U	0.75 B
Styrene	5	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	5	2.2	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	5	**42** D	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	2	0.5 J	0.5 U	0.5 U	0.5 U
Xylenes (Total)	5	0.5 U	0.5 U	0.5 U	0.5 U

Notes:
µ/L - micrograms per Liter
N/A: Not Available or None Established
D: Concentration taken from a diluted analysis
J: Estimated value
R: Rejected value
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Bold Exceeded criteria